

FIG. 1

FIG. 2

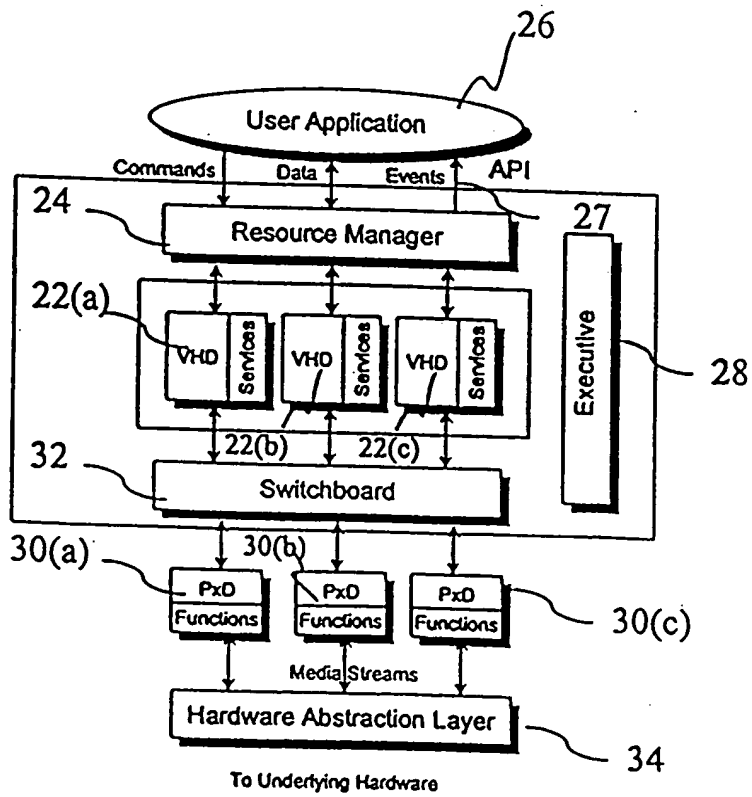
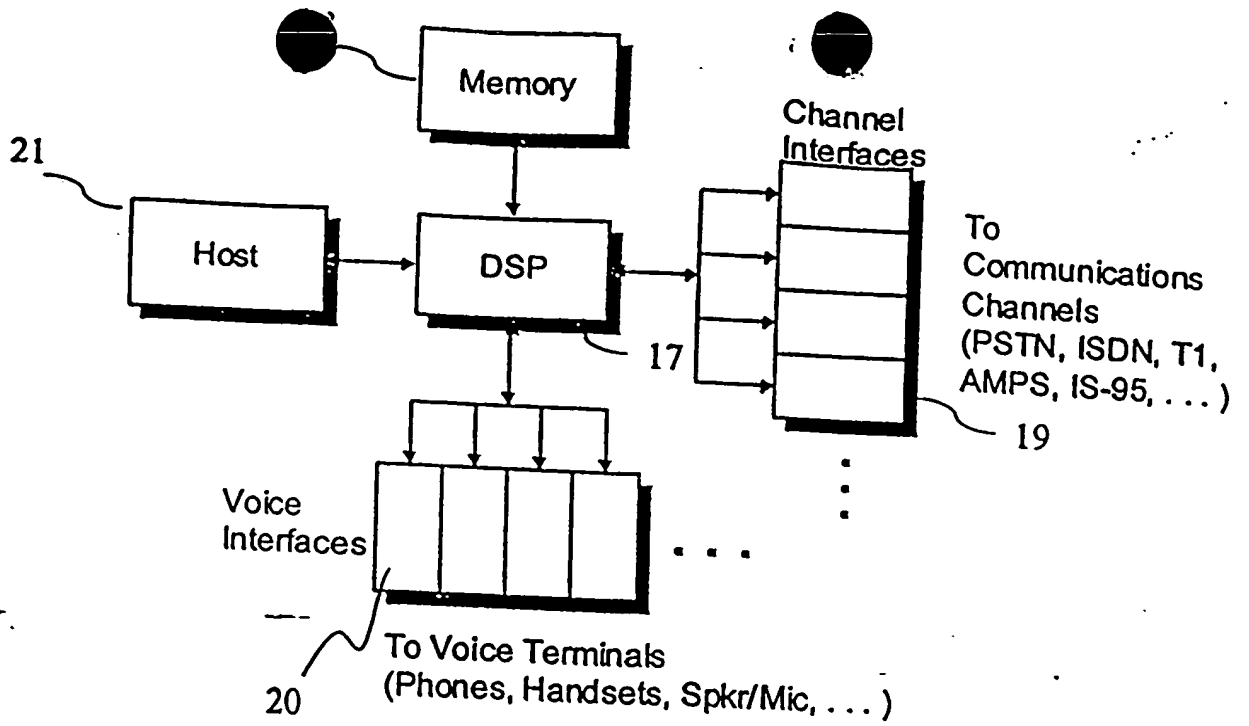


FIG. 3

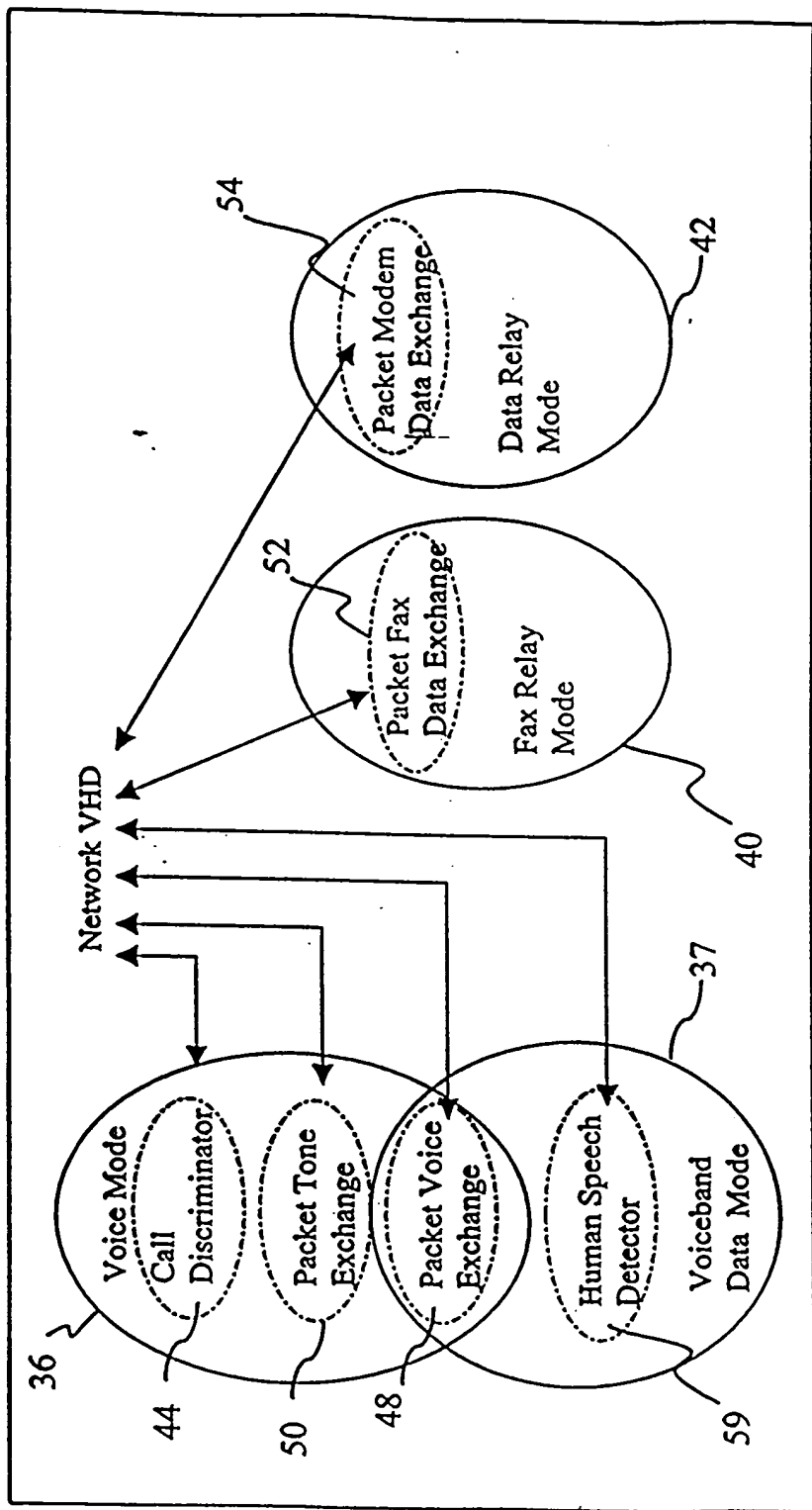


FIG. 4

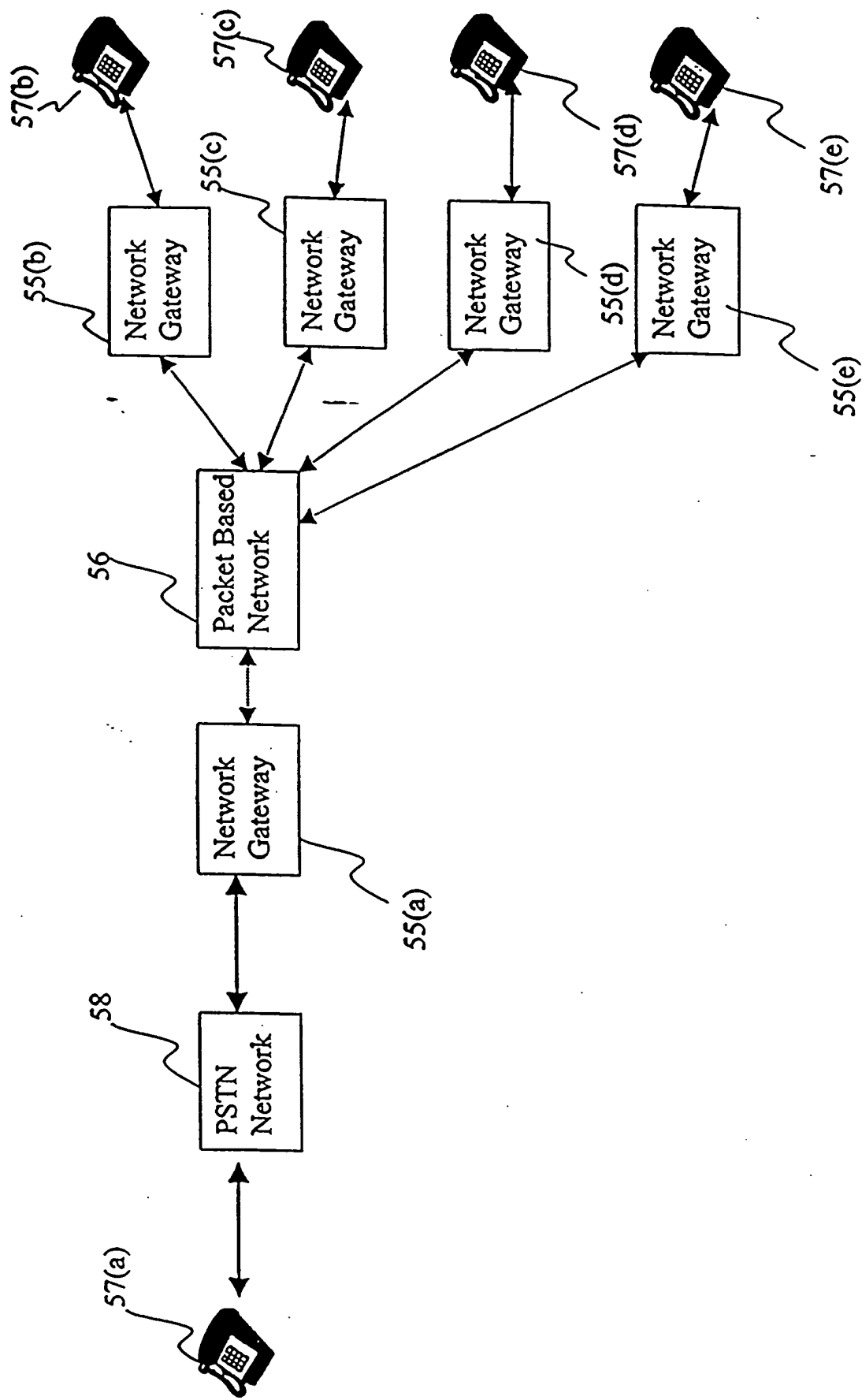


FIG. 5

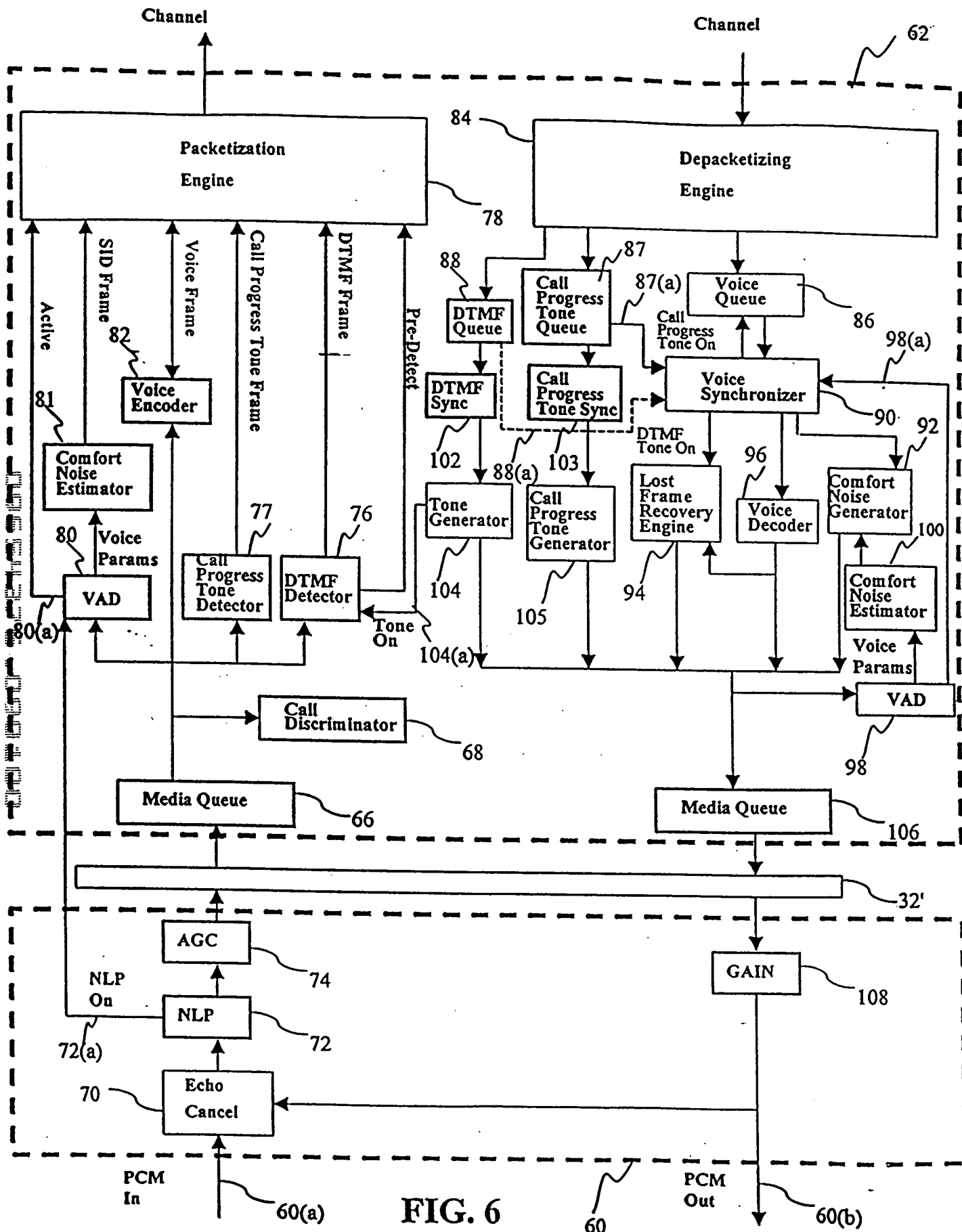


FIG. 6

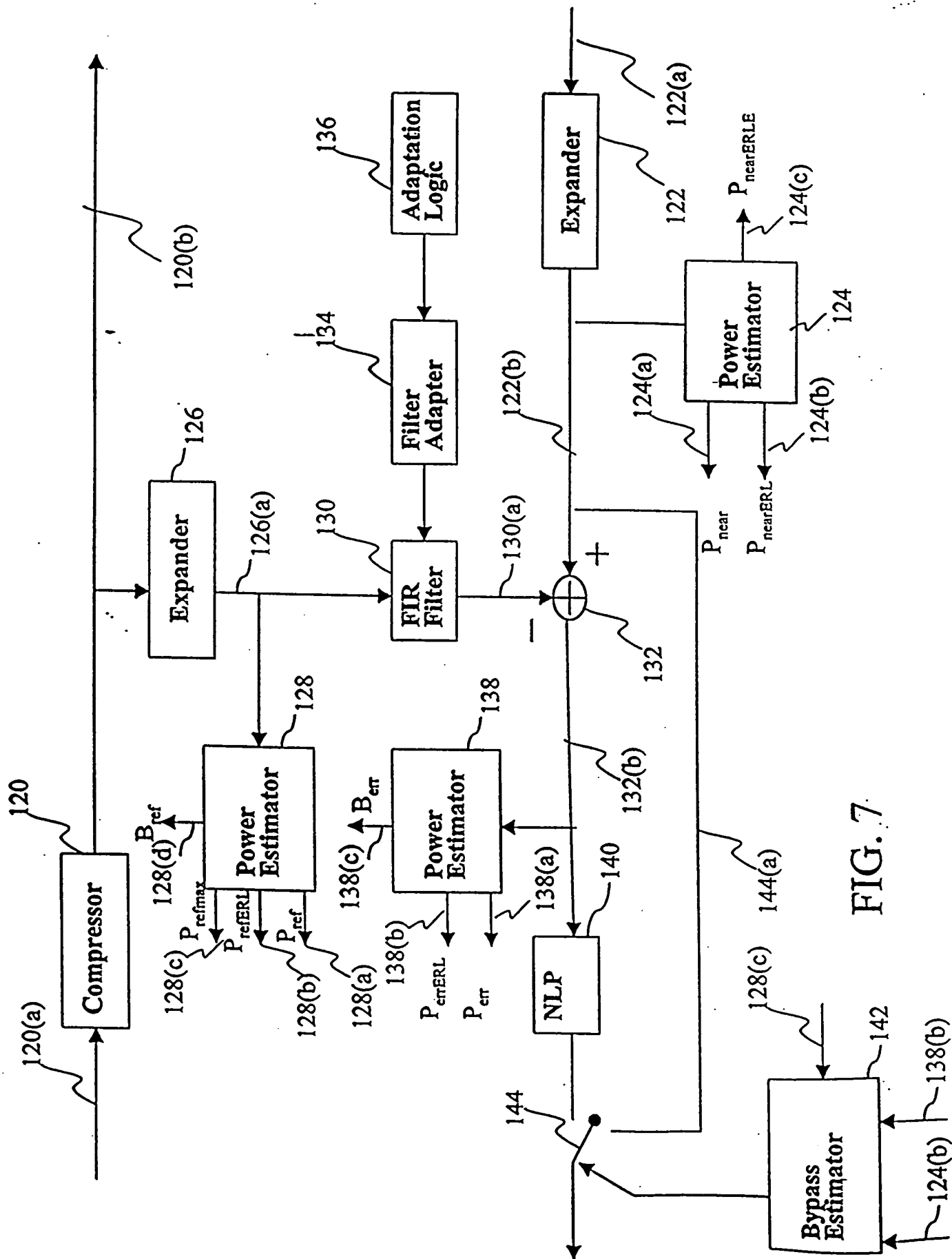


FIG. 7

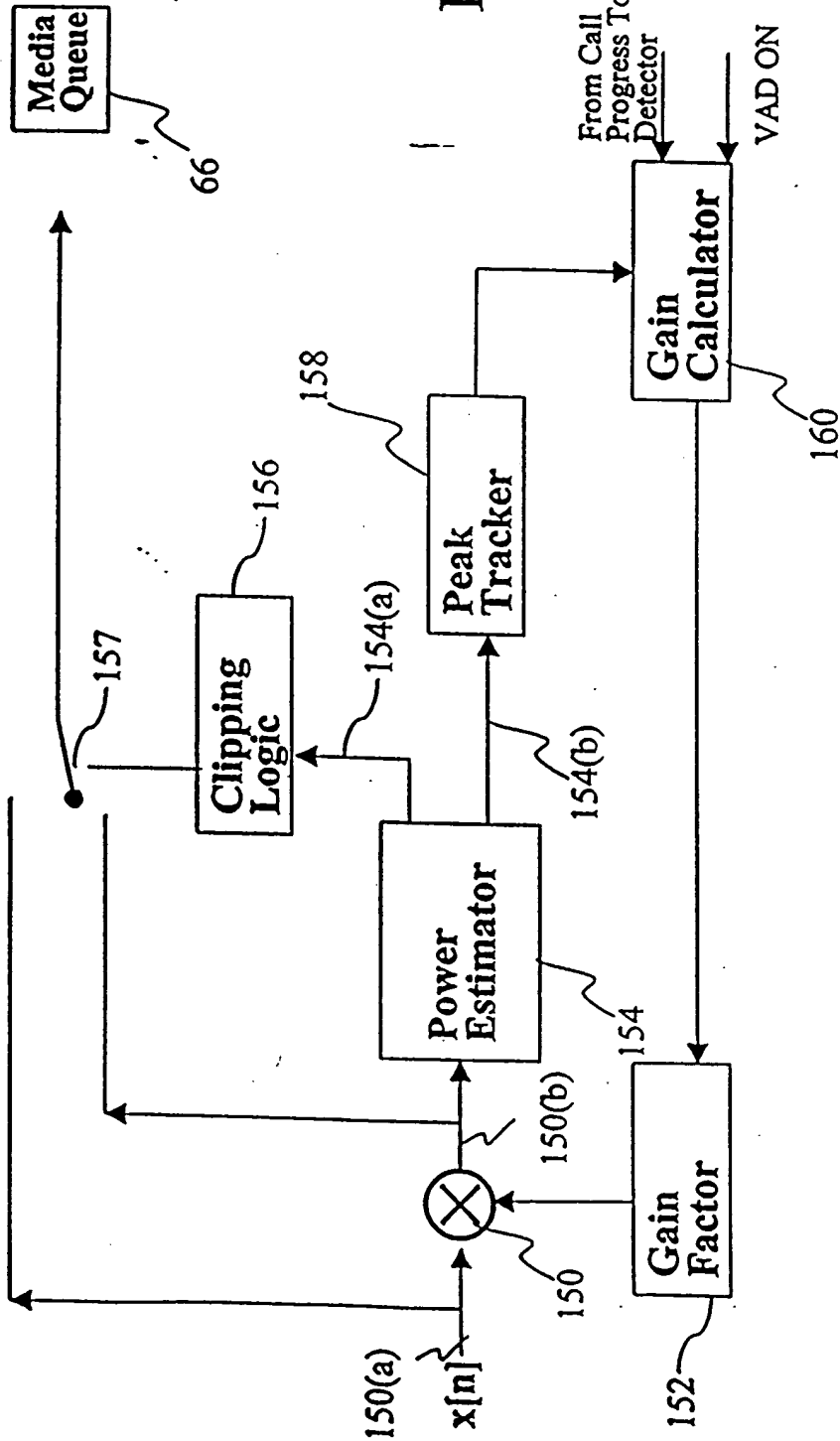


FIG. 8A

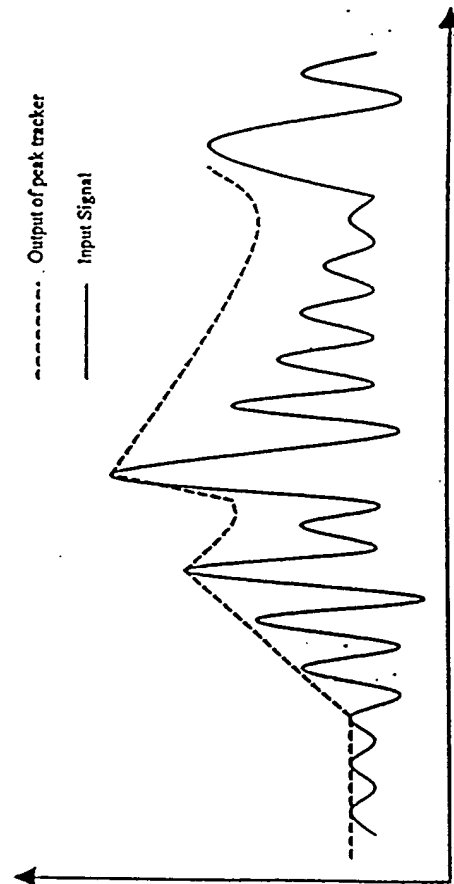


FIG. 8B





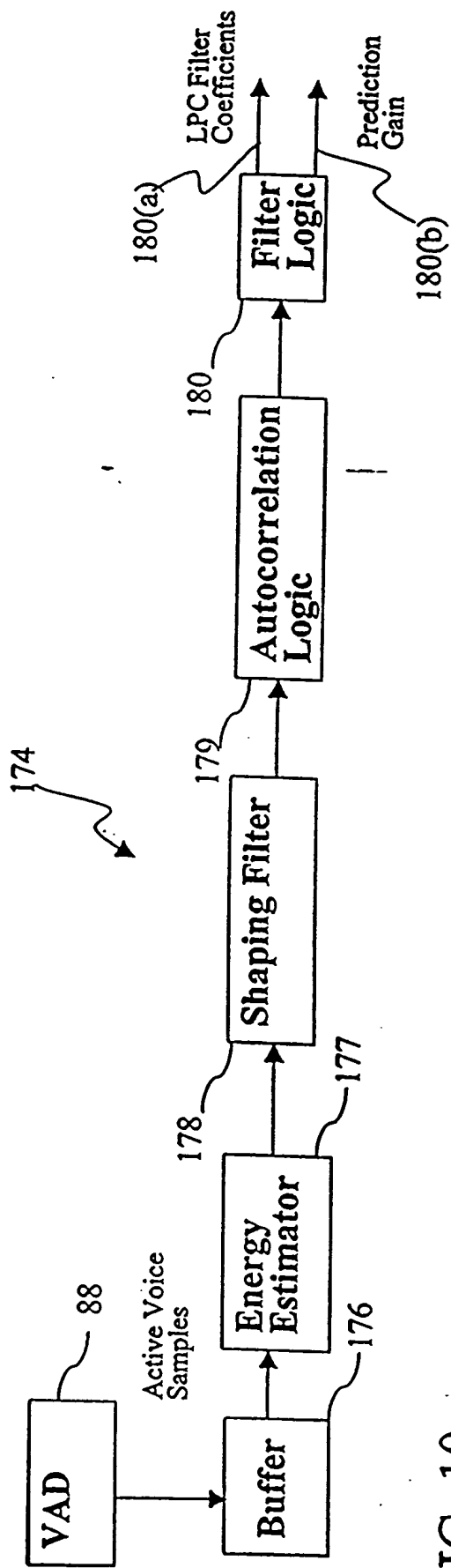


FIG. 10

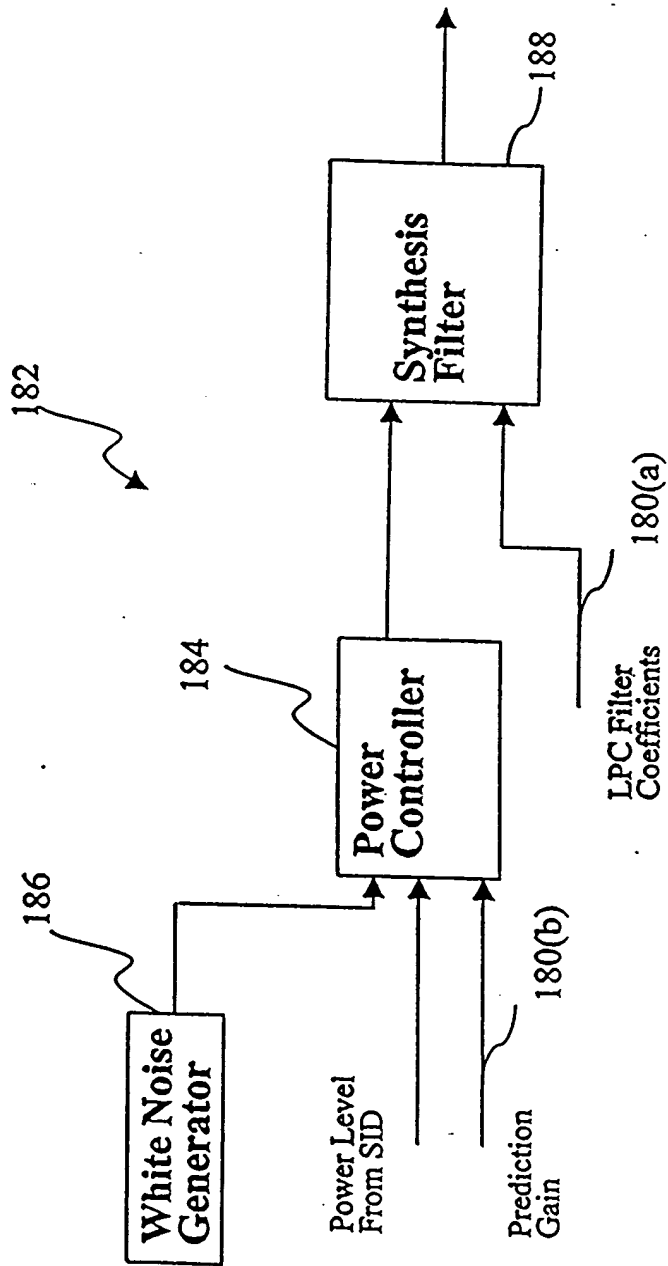


FIG. 11

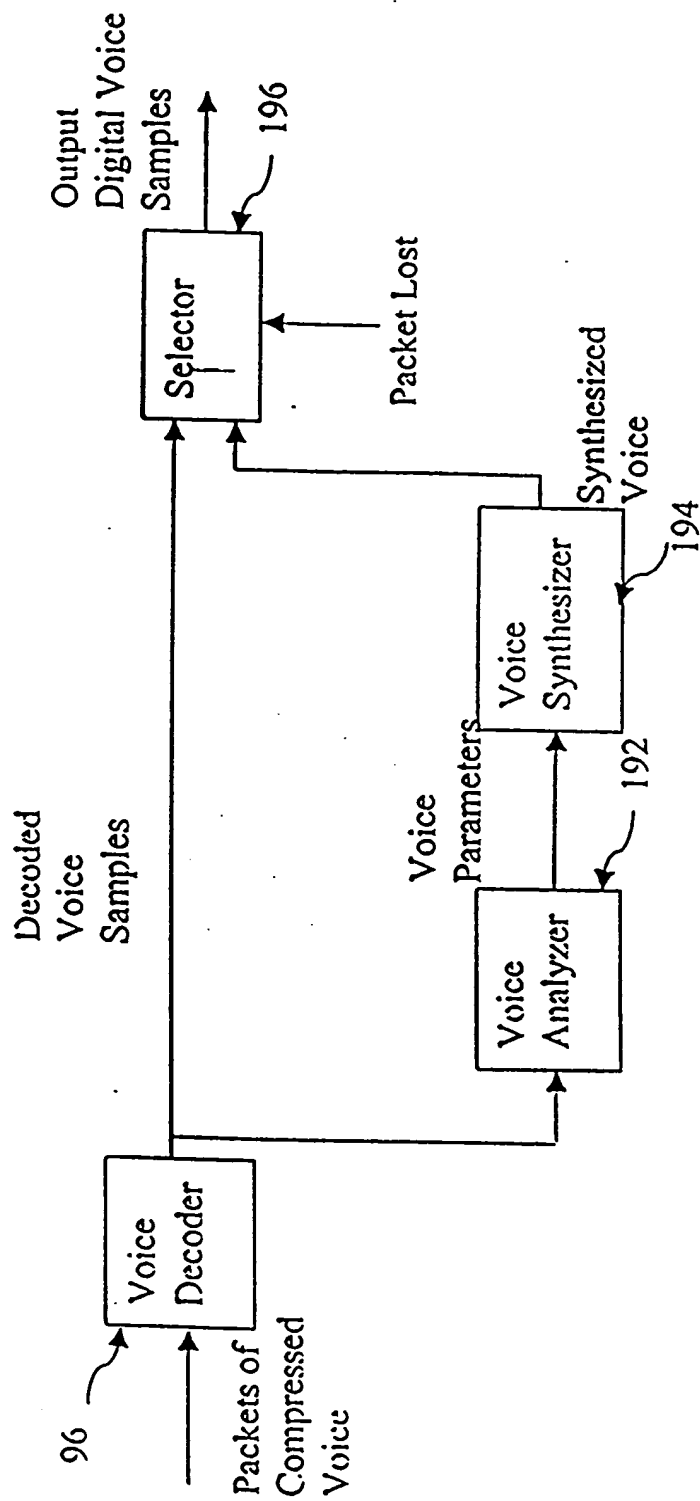


FIG. 12

```

graph TD
    Start([Start]) --> 191{Lost Packet?}
    191 -- N --> 213{Last Packet was Lost?}
    191 -- Y --> 193{First Lost Packet?}
    193 -- Y --> 195[Calculate LPC Parameters  
Calculate Pitch Period and Voicing]
    193 -- N --> 209{More than 12 Lost Packets?}
    195 --> 197{Voiced Speech?}
    197 -- Y --> 199[Calculate Residual Signal  
Excitation gain = 1]
    197 -- N --> 207[Determine Excitation Gain from Prediction Error Power]
    199 --> 201[Synthesize 5 ms of Speech]
    207 --> 201
    201 --> 203[Attenuate Gain Factor]
    203 --> 205[Output 5ms worth of Samples]
    205 --> Finish([Finish])
    209 -- Y --> 211[Generate Silence]
    209 -- N --> 201
    211 --> 205
    213 -- Y --> 215[Synthesize 2.5 ms of Speech  
Overlap Synthesized Speech and Decoded Speech]
    213 -- N --> 217[Update Speech Analysis Buffer]
    215 --> 217
    217 --> 201

```

**FIG. 13A**

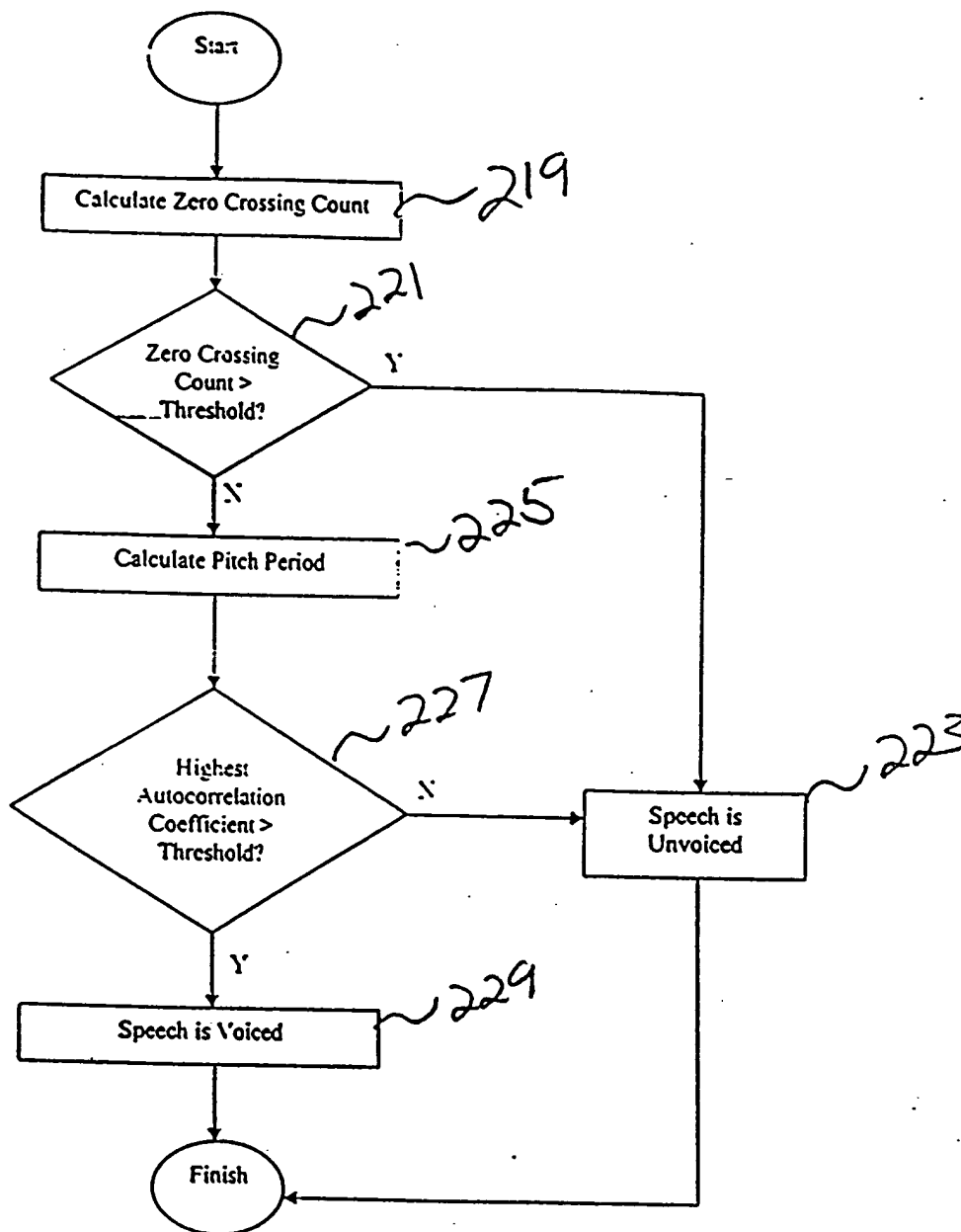


FIG. 13B

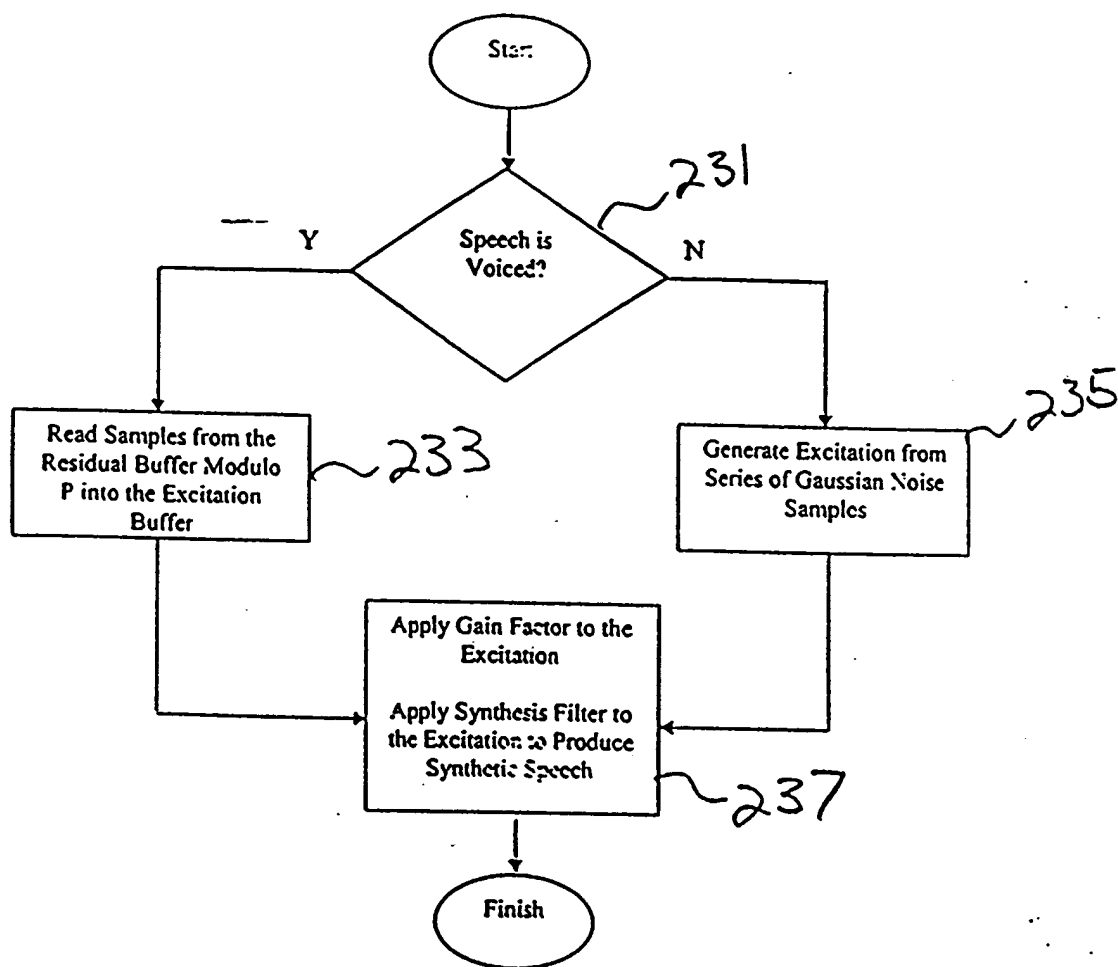


FIG. 13C

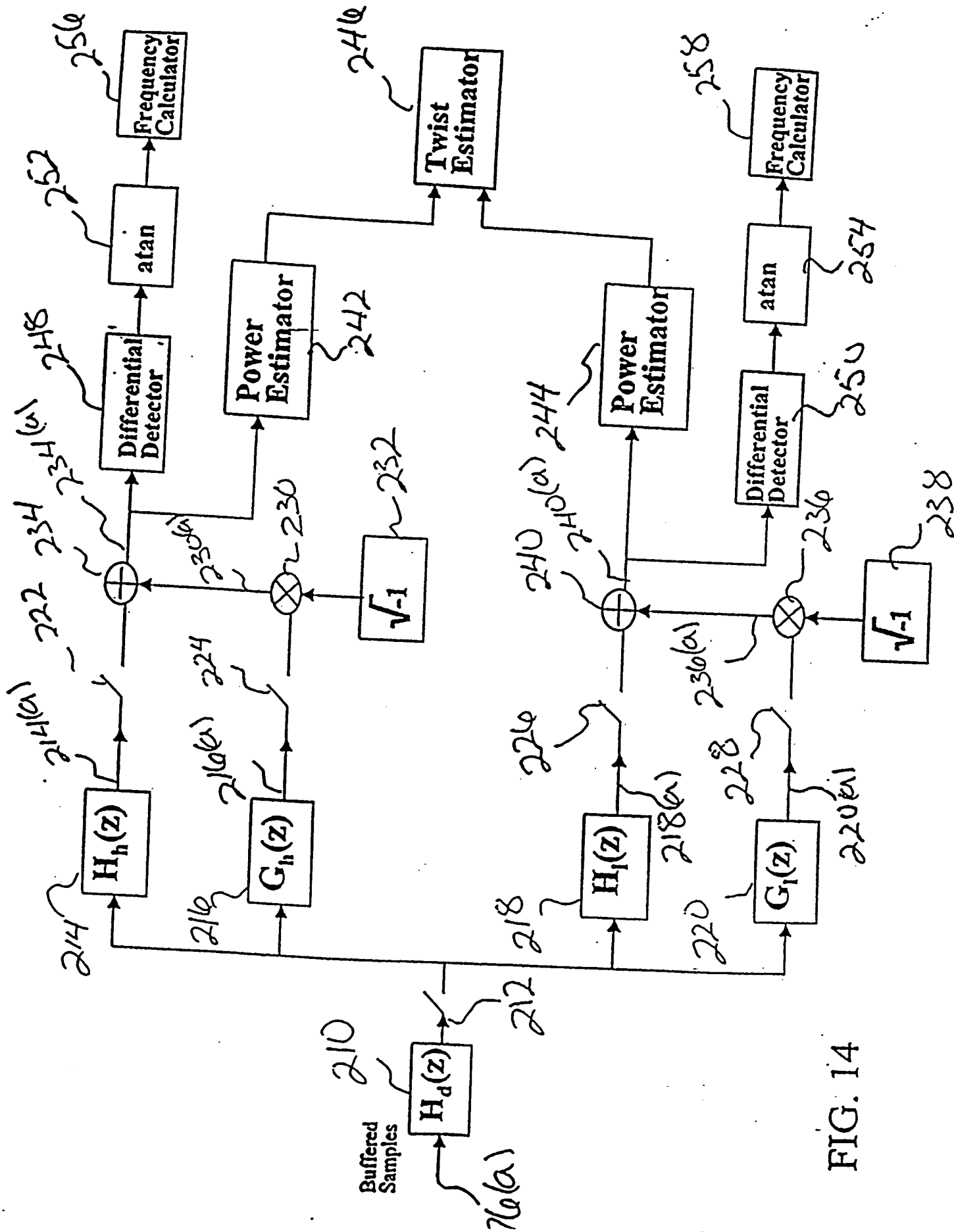


FIG. 14



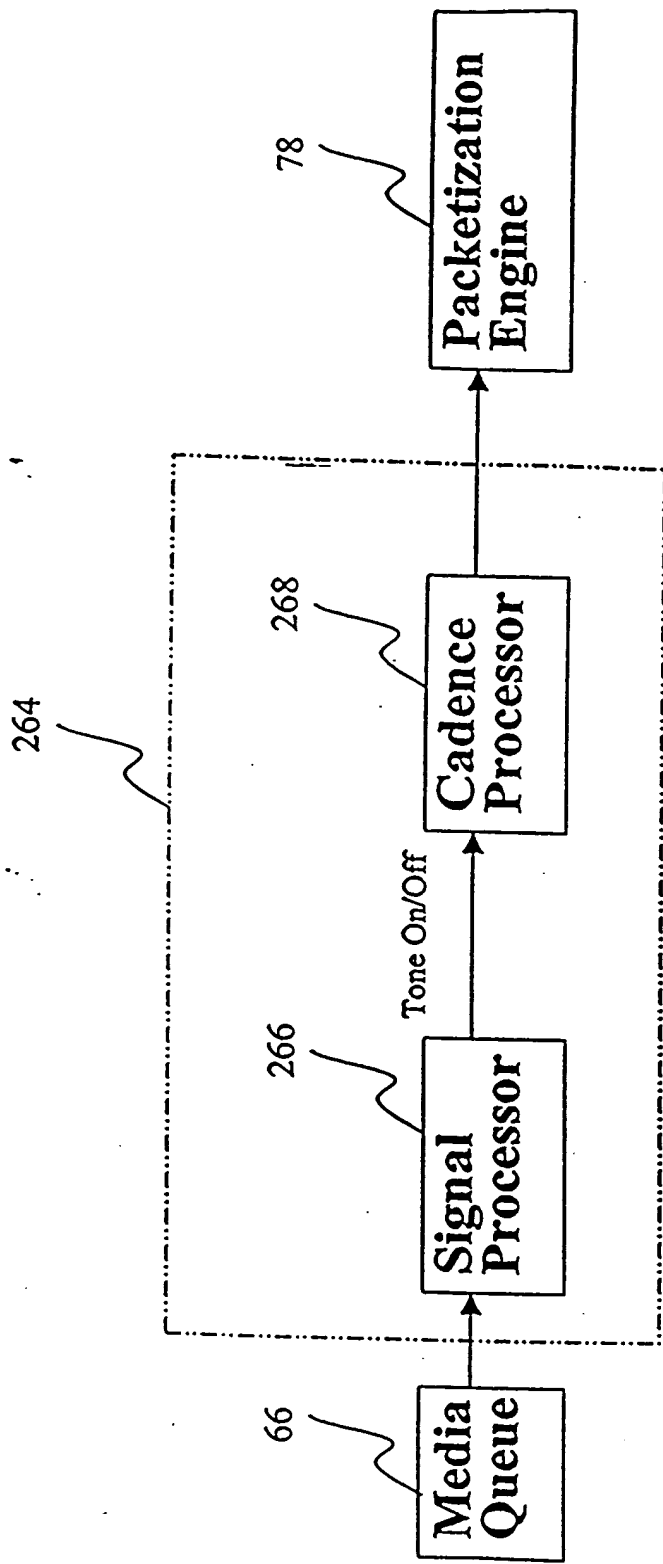


FIG. 15



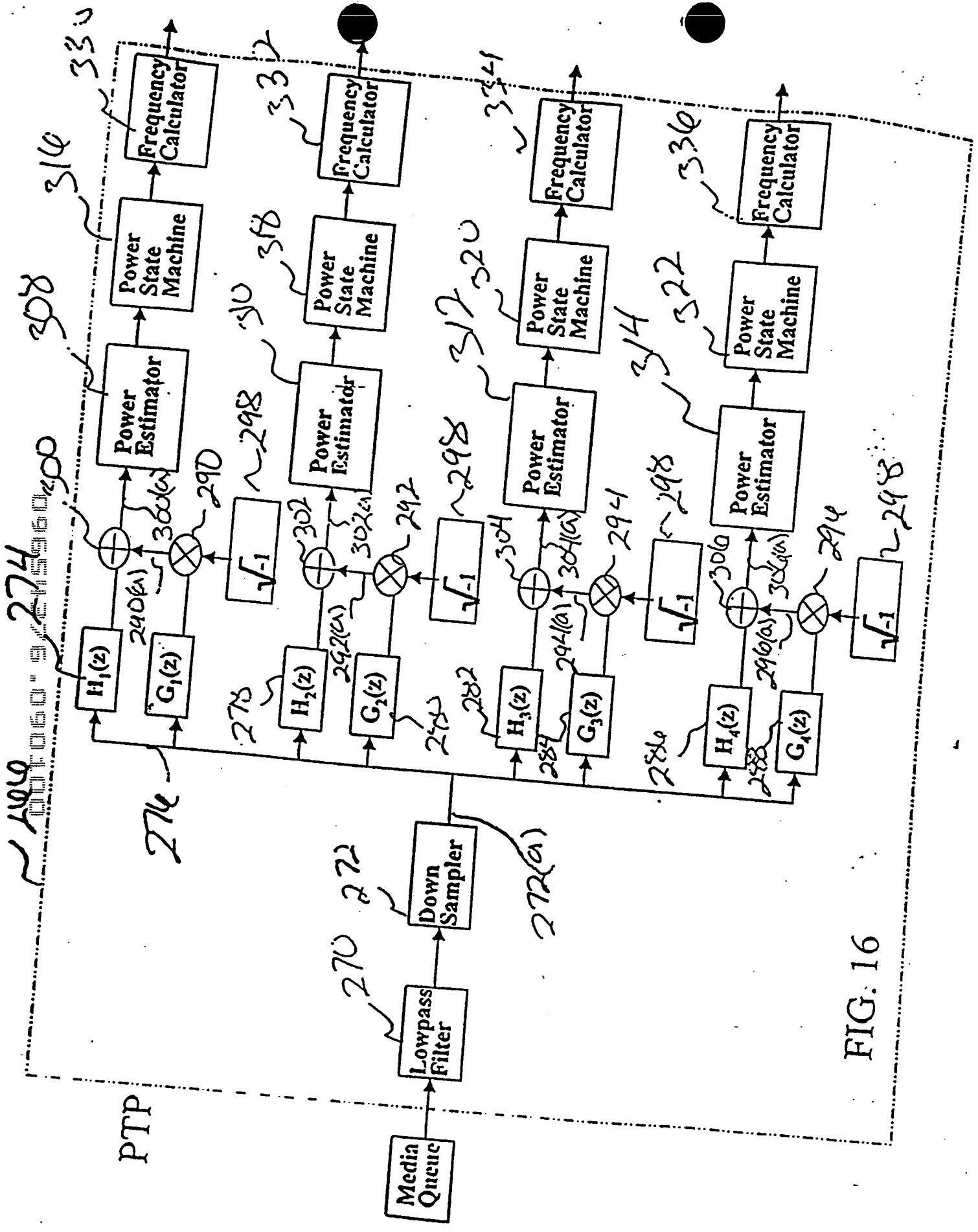
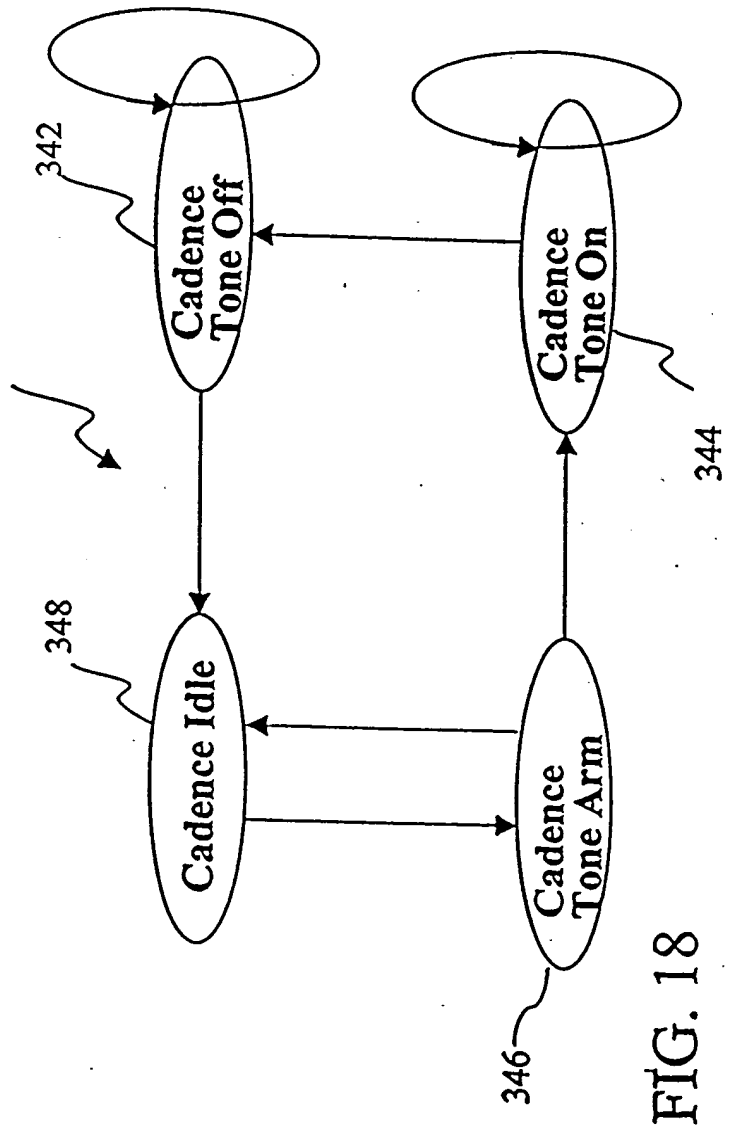
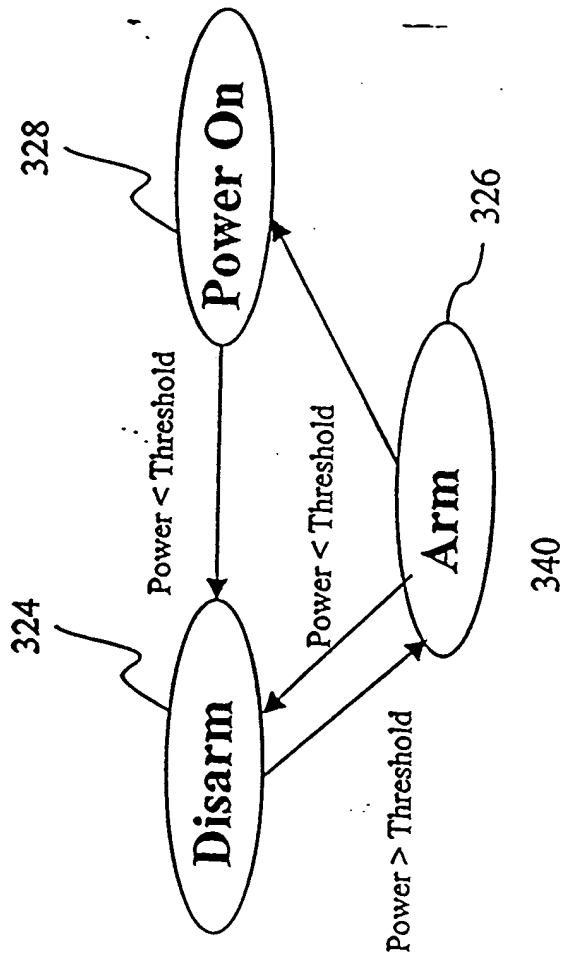


FIG. 16



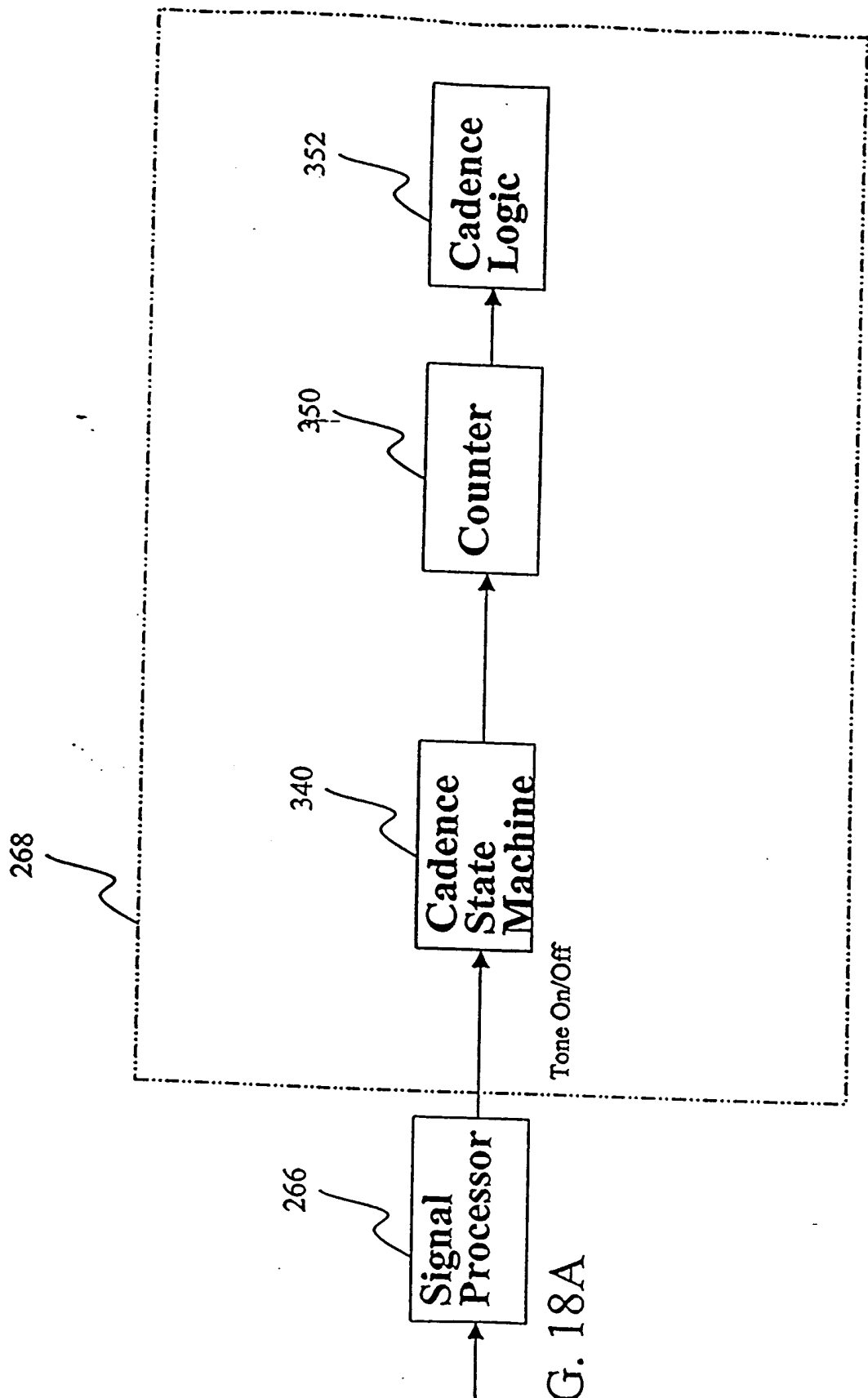


FIG. 18A

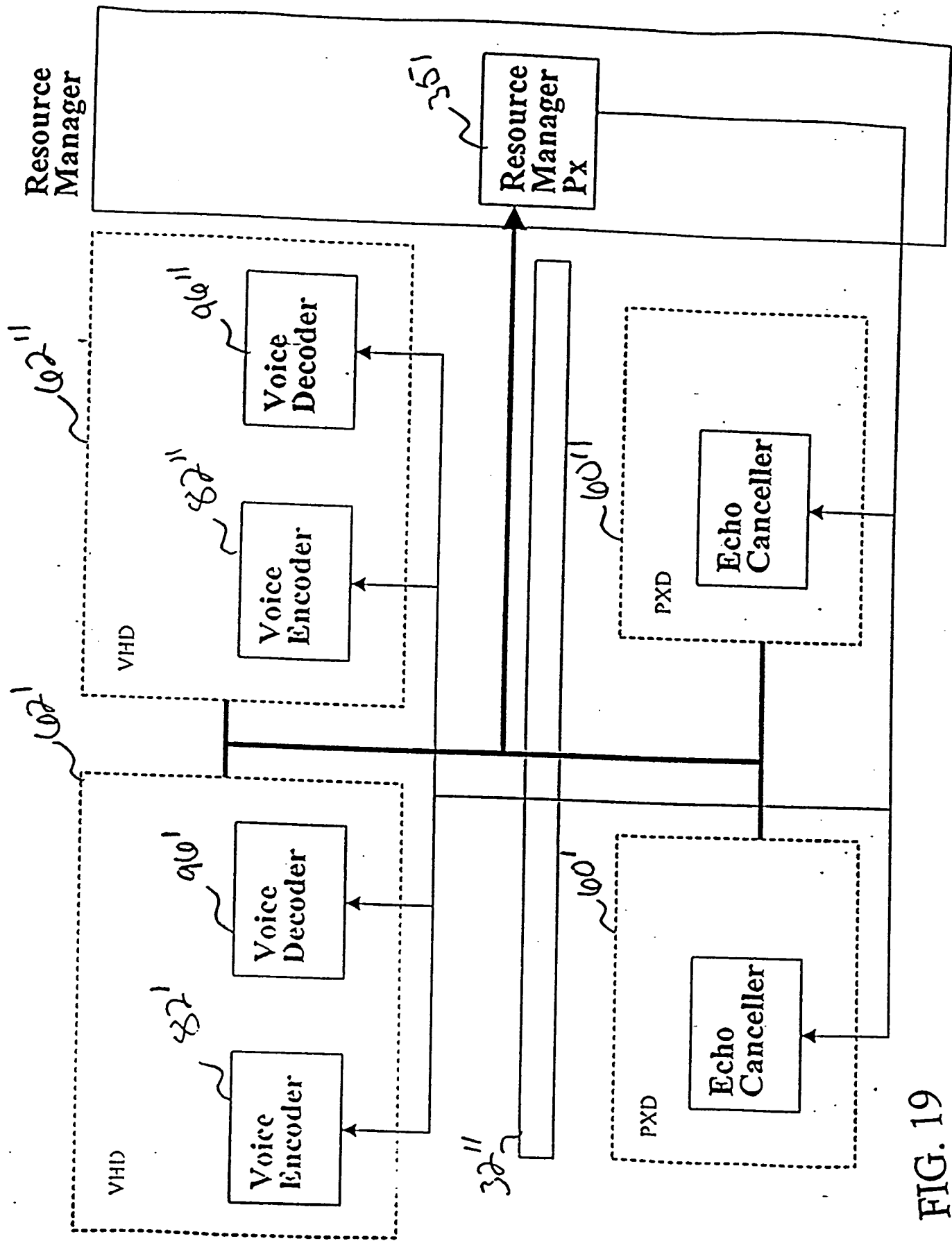


FIG. 19

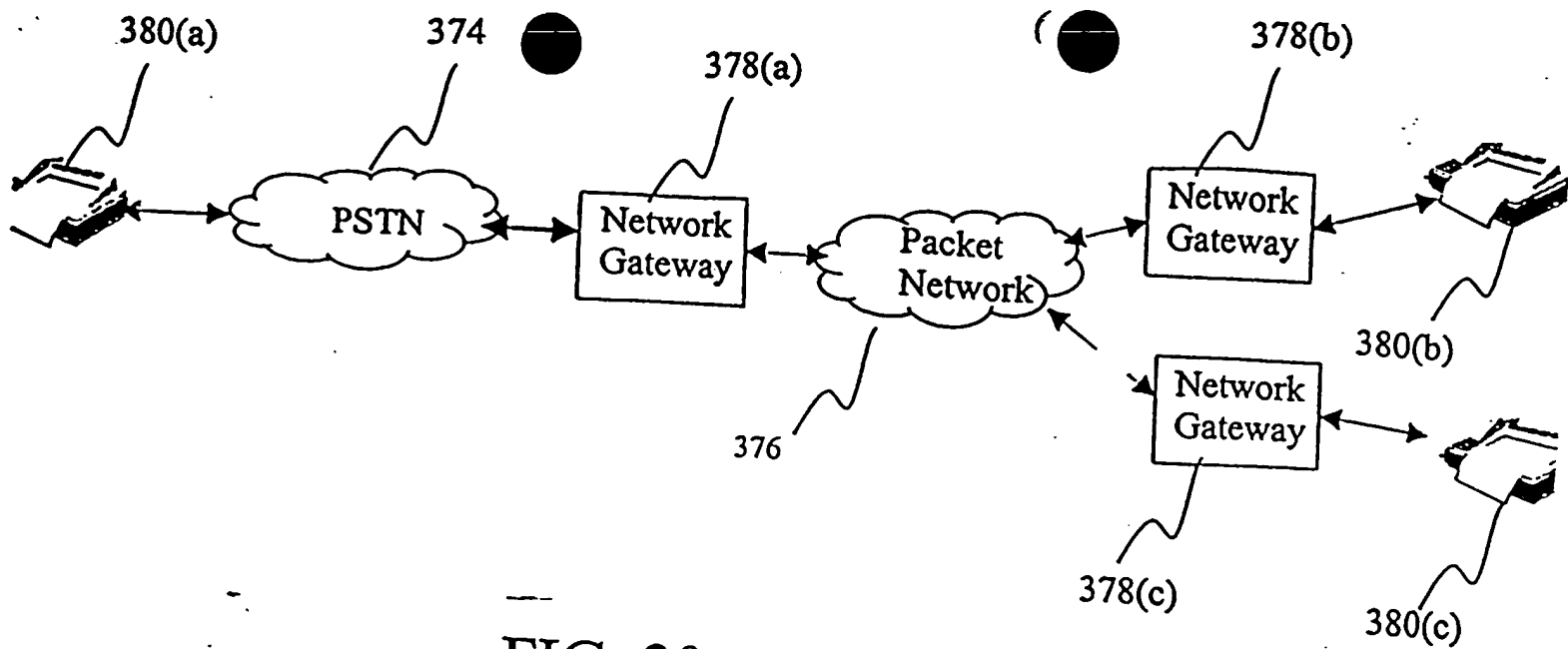


FIG. 20

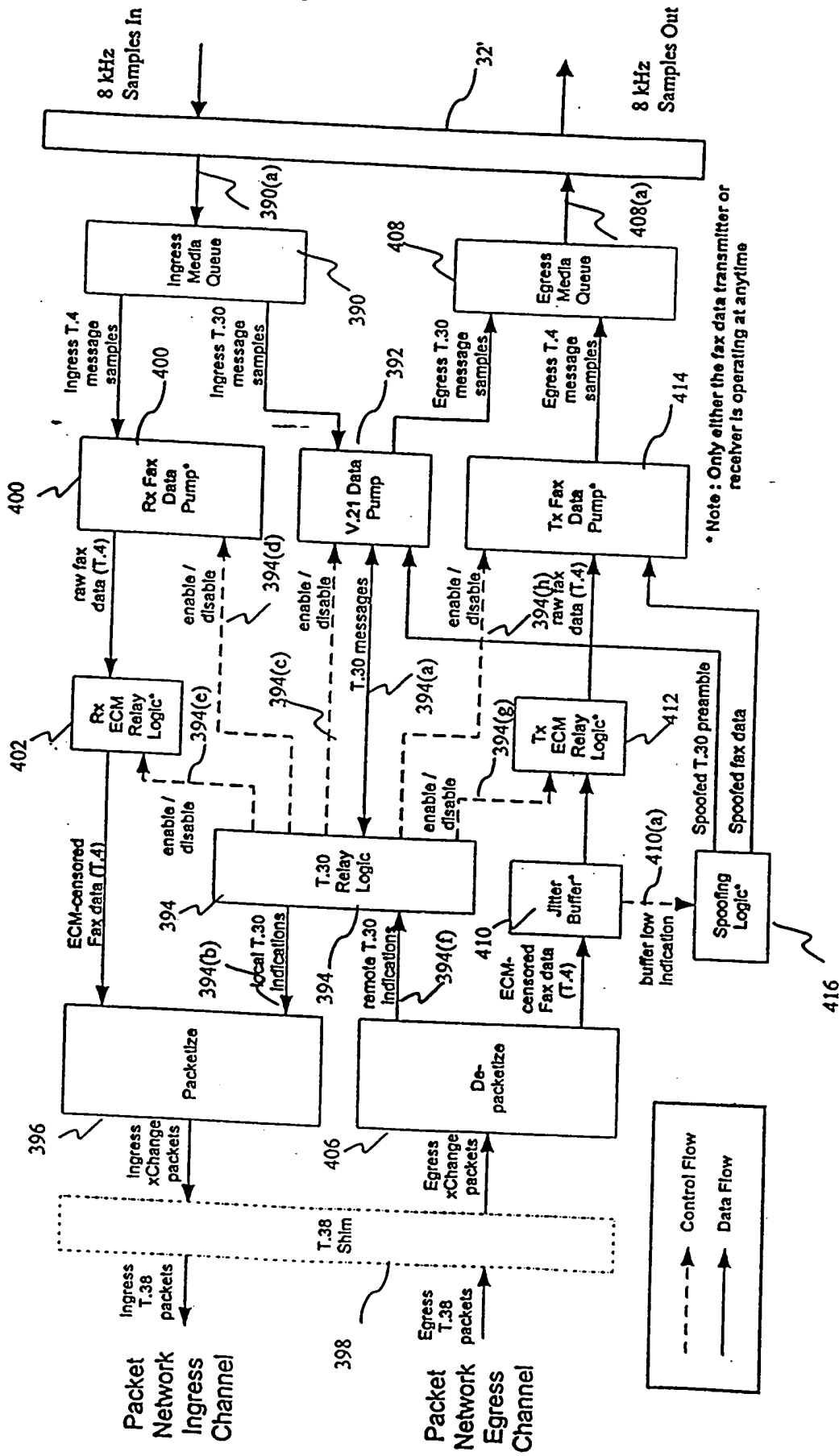


FIG. 21

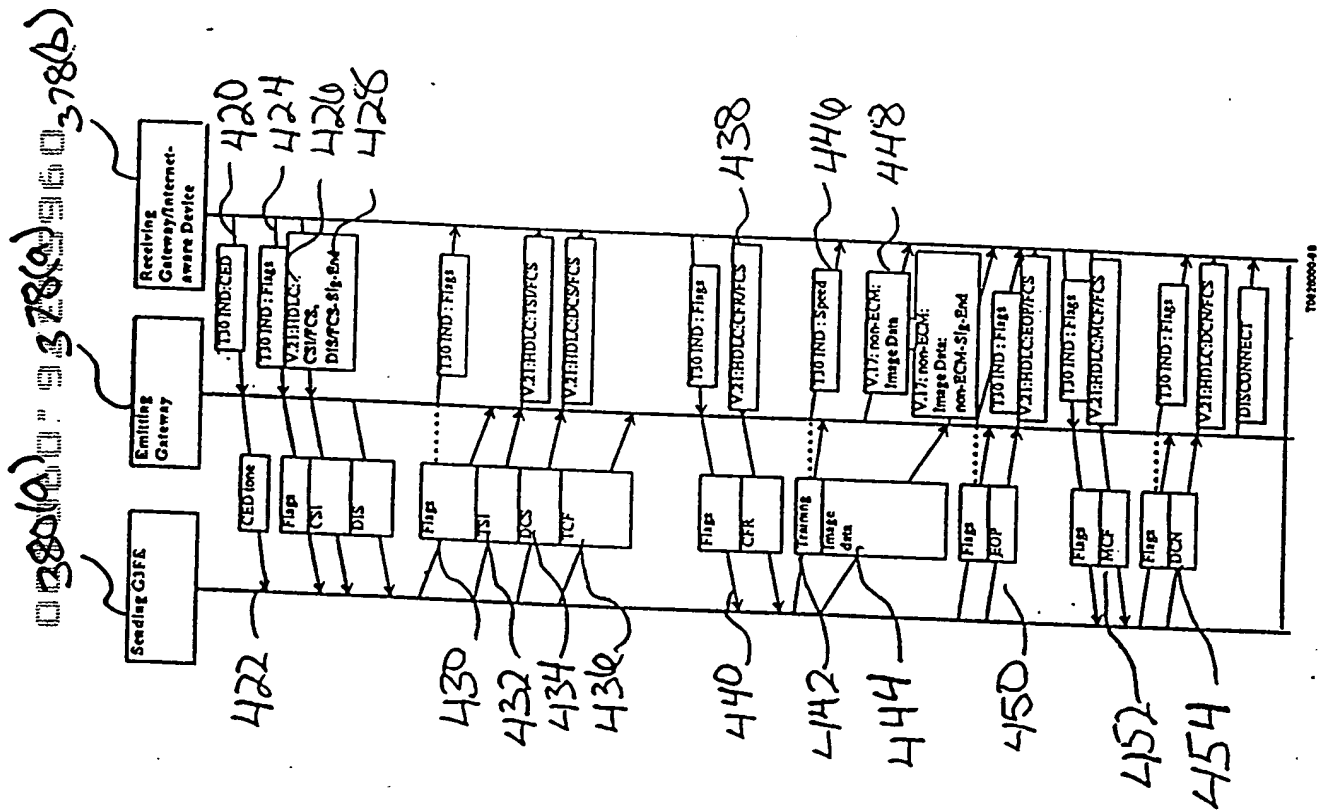


FIG. 22

# Fax Spoofing

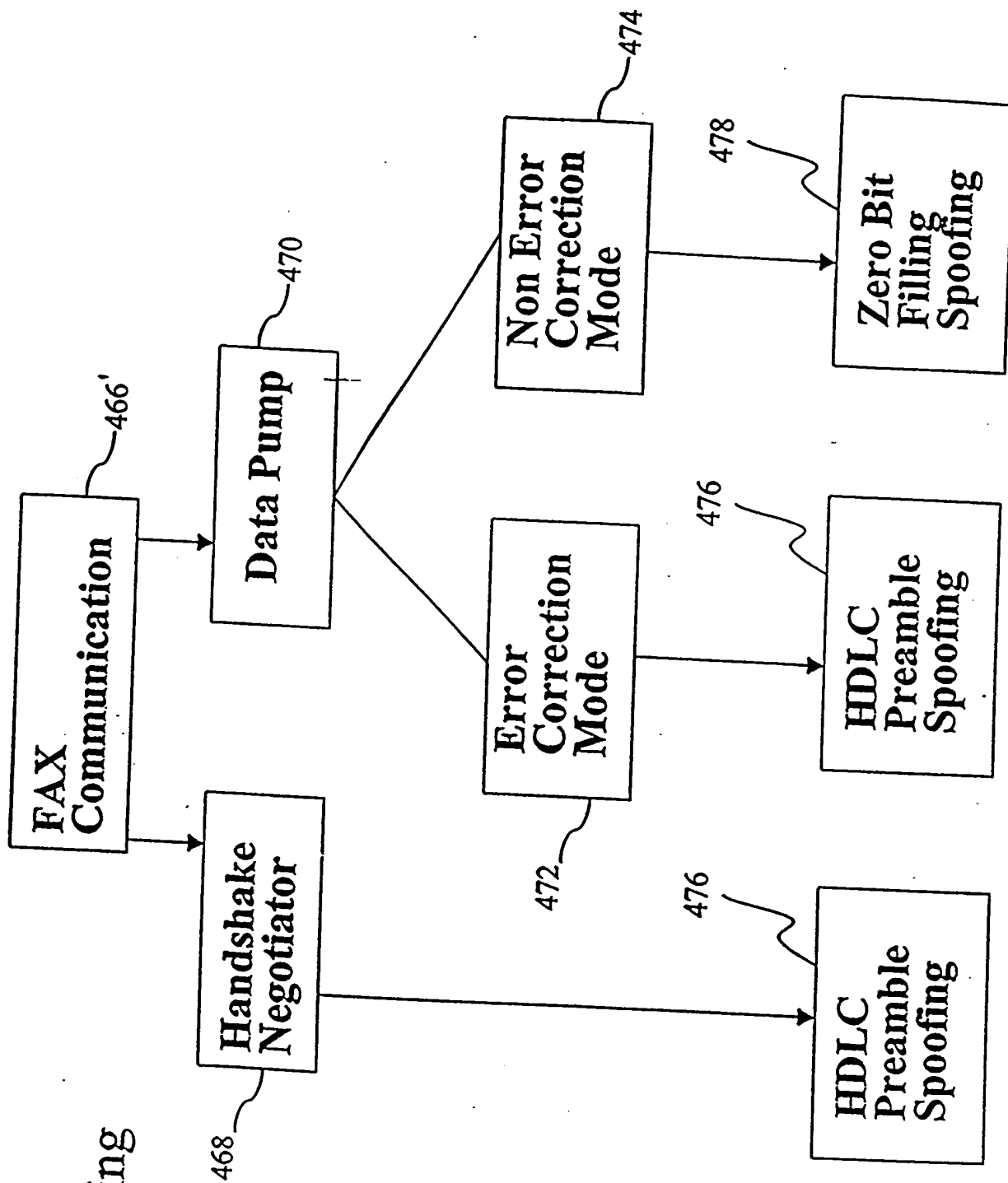


FIG. 23



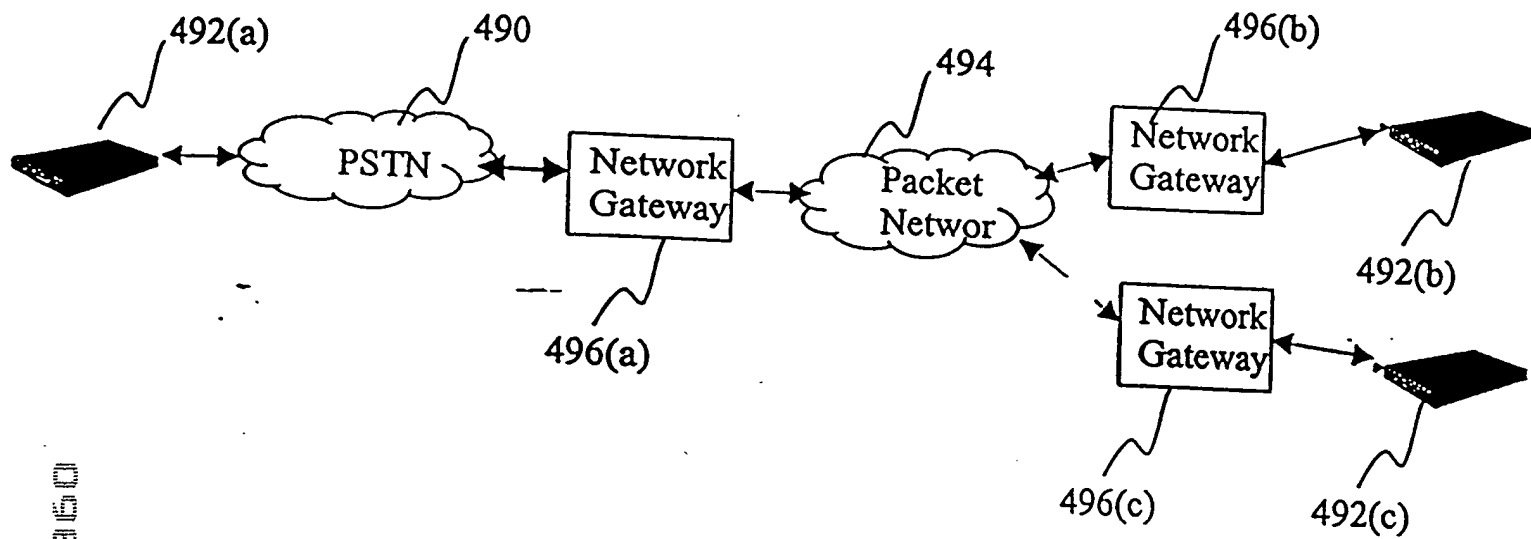


FIG. 24

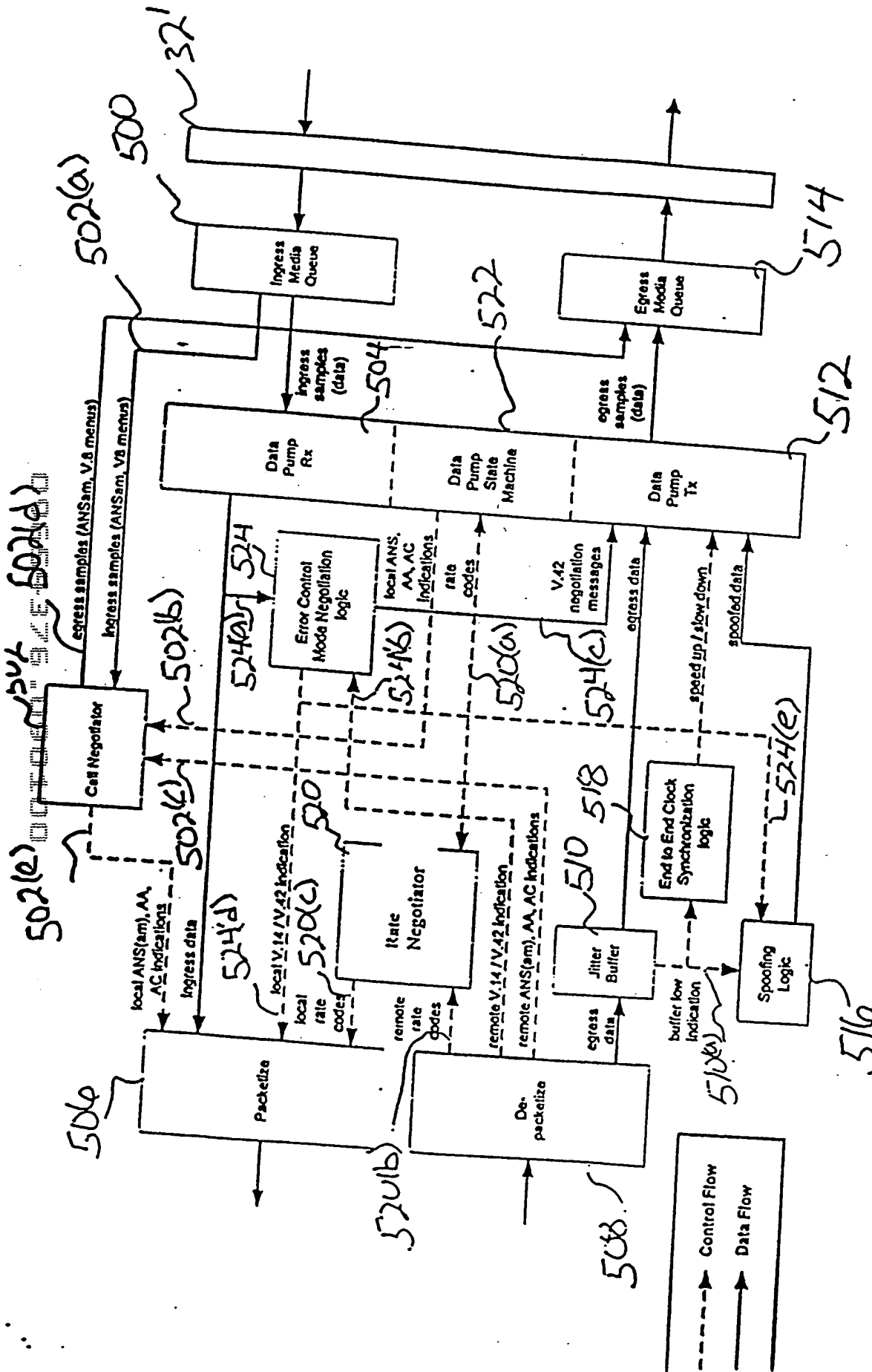


FIG. 25





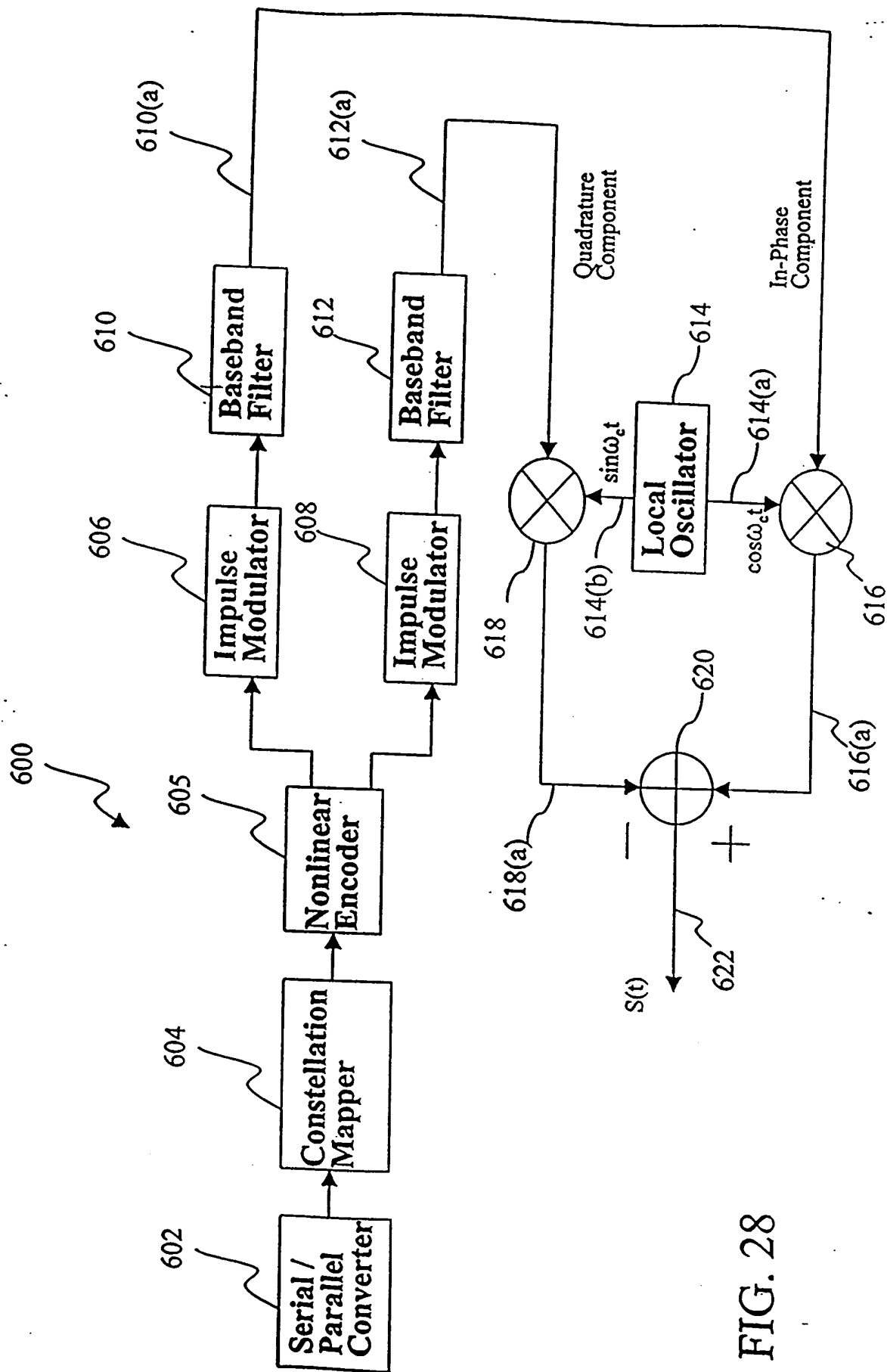


FIG. 28

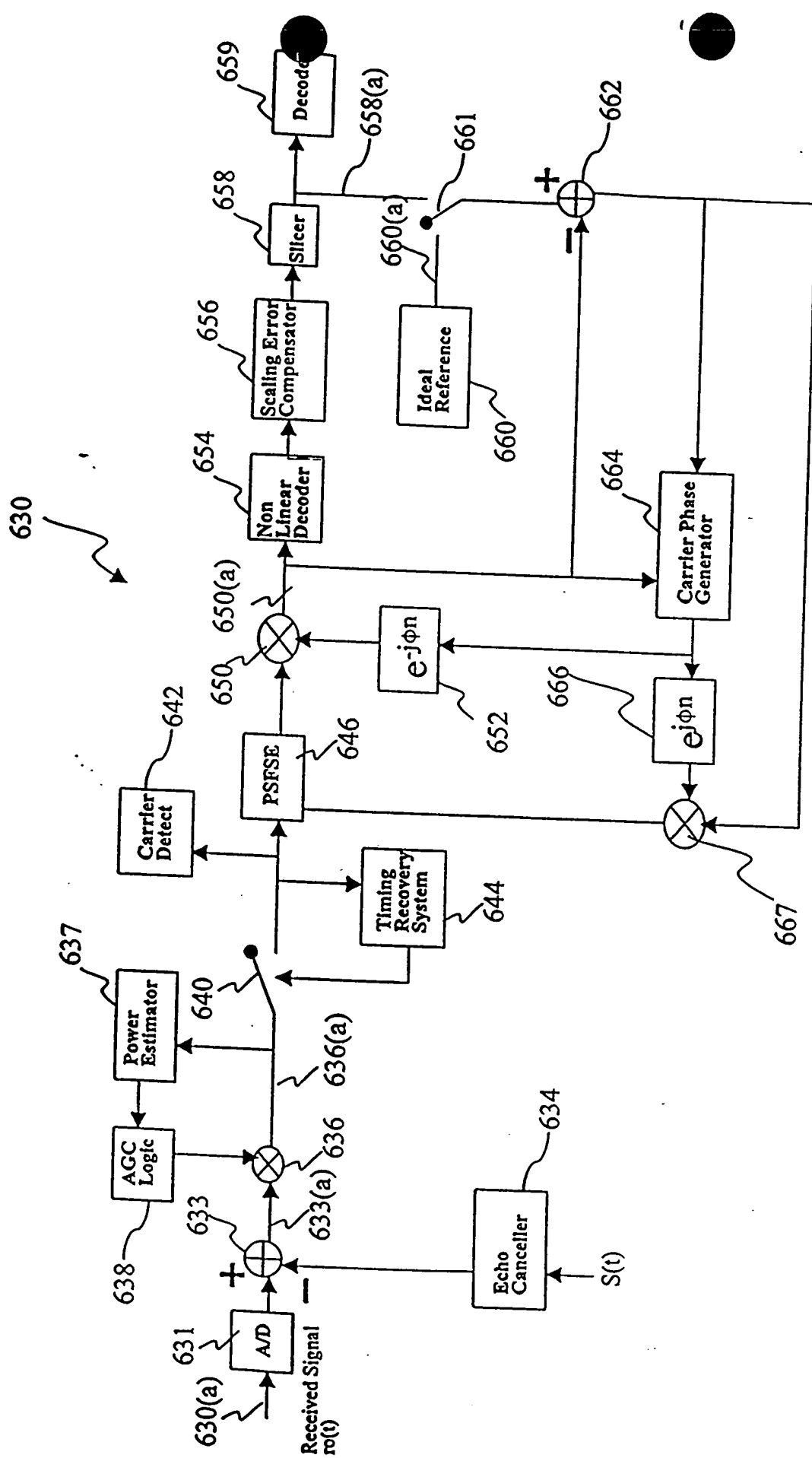


FIG. 29

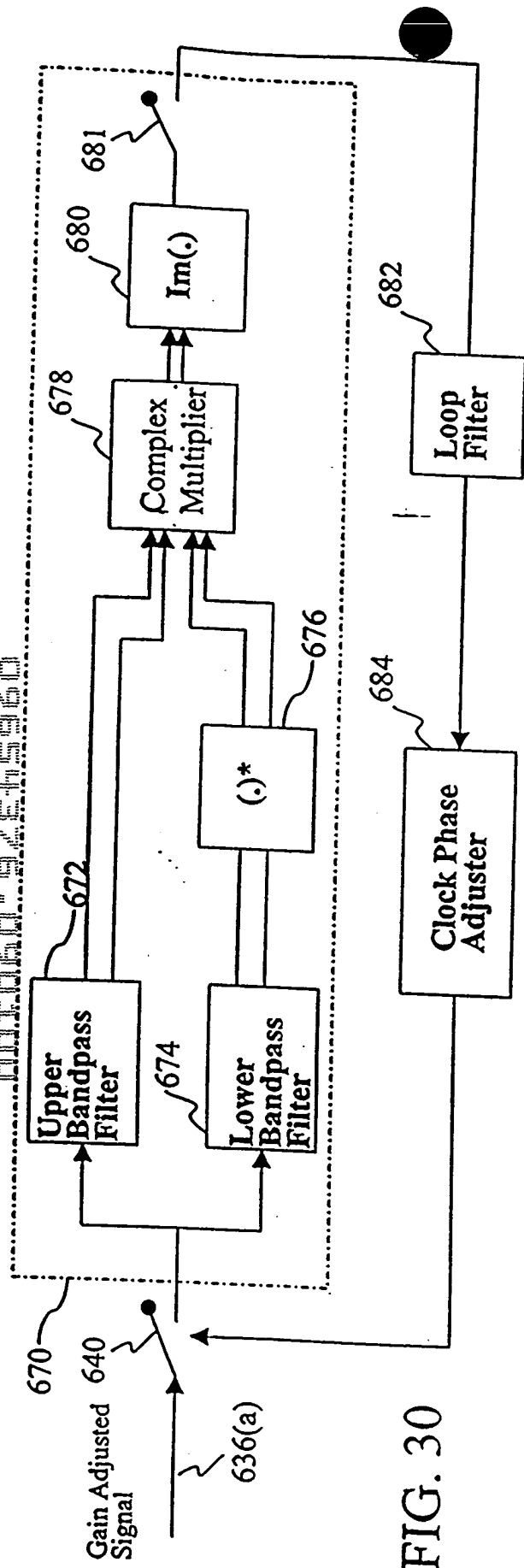


FIG. 30

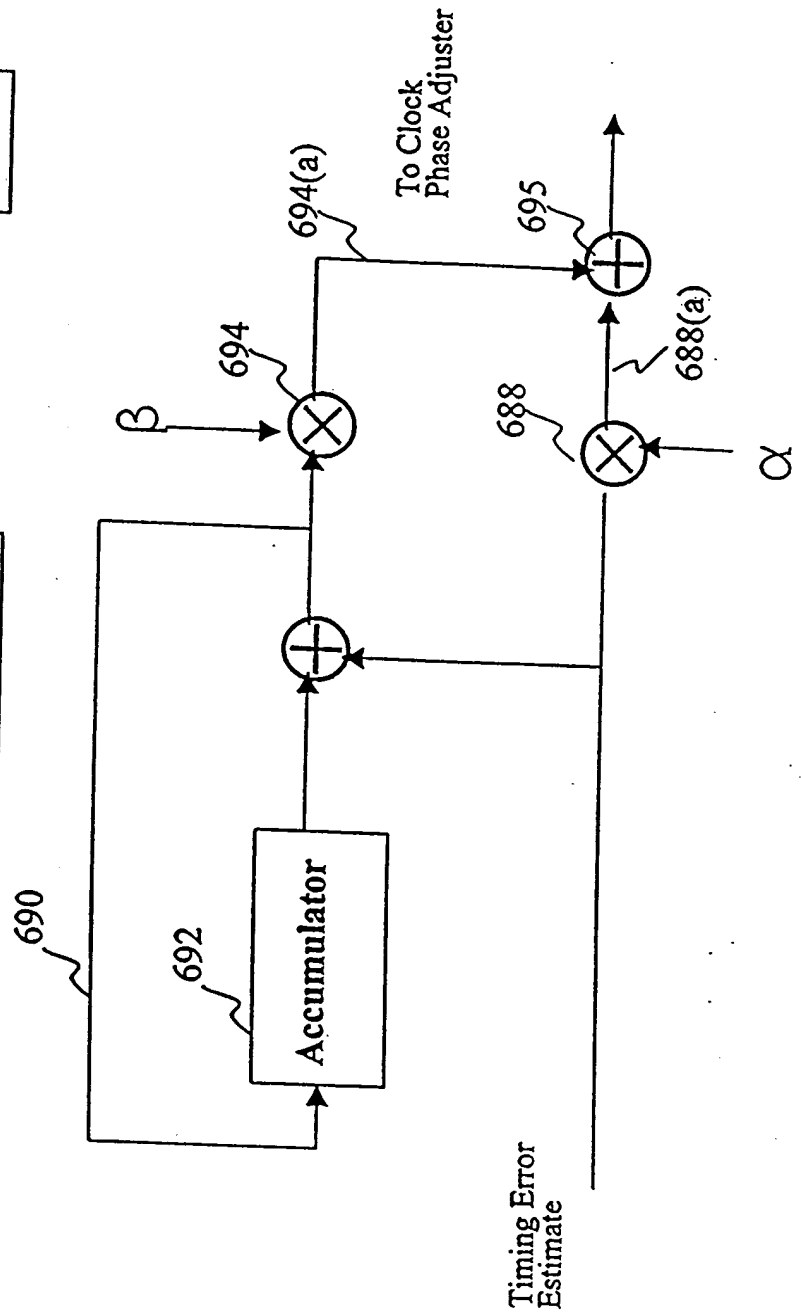


FIG. 31

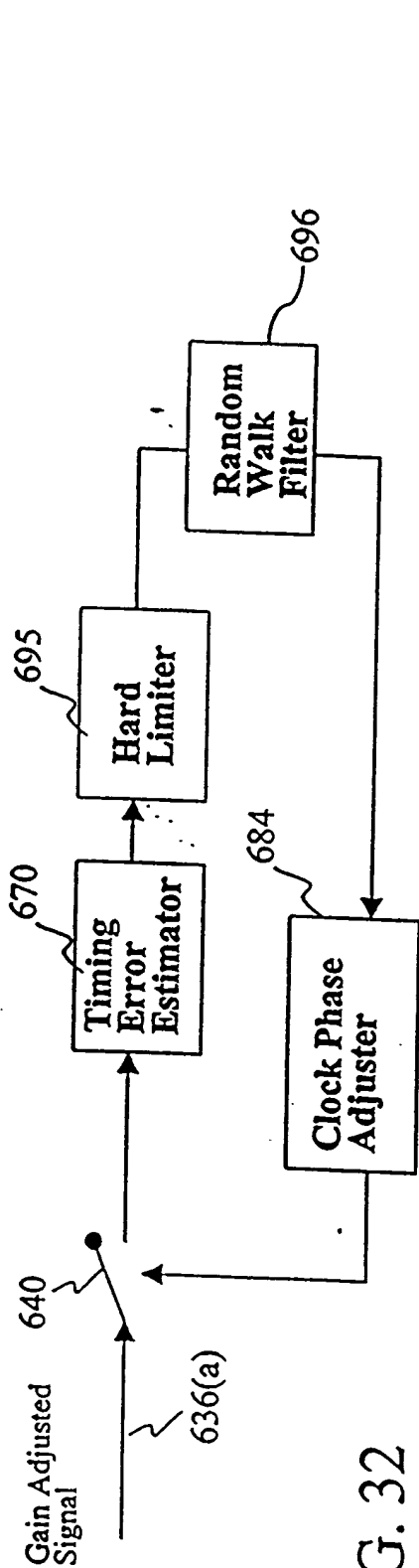


FIG. 32

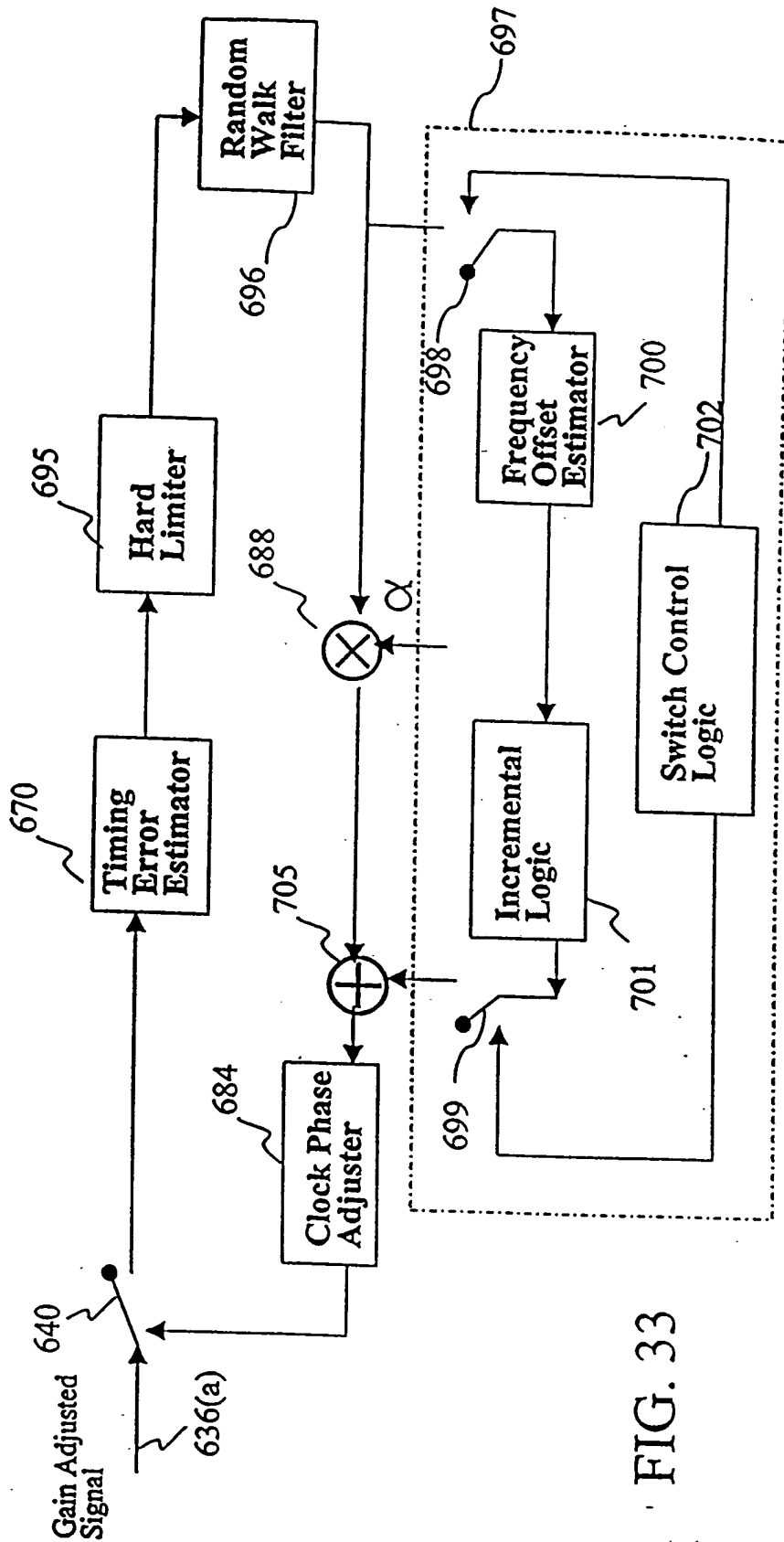


FIG. 33



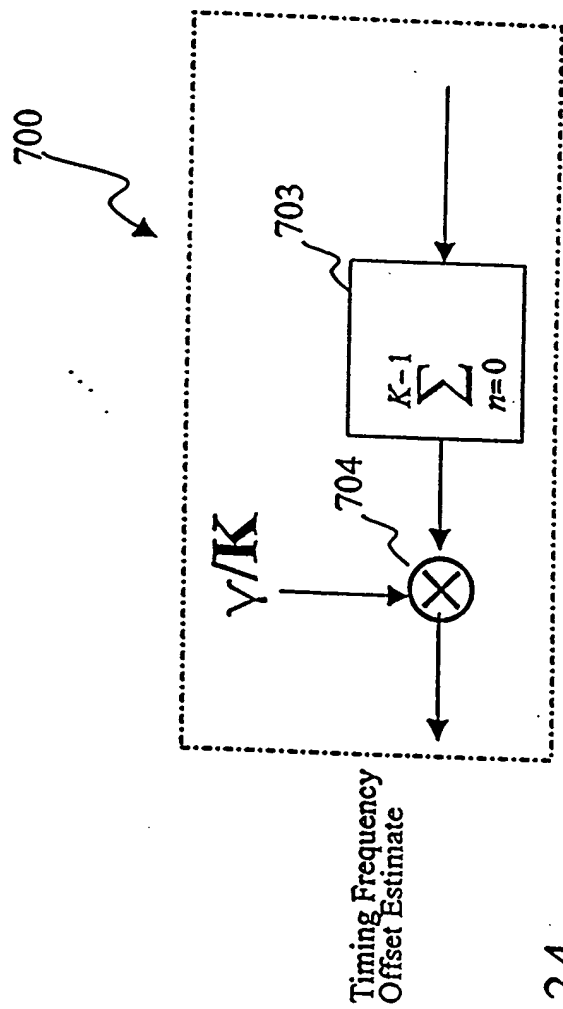


FIG. 34

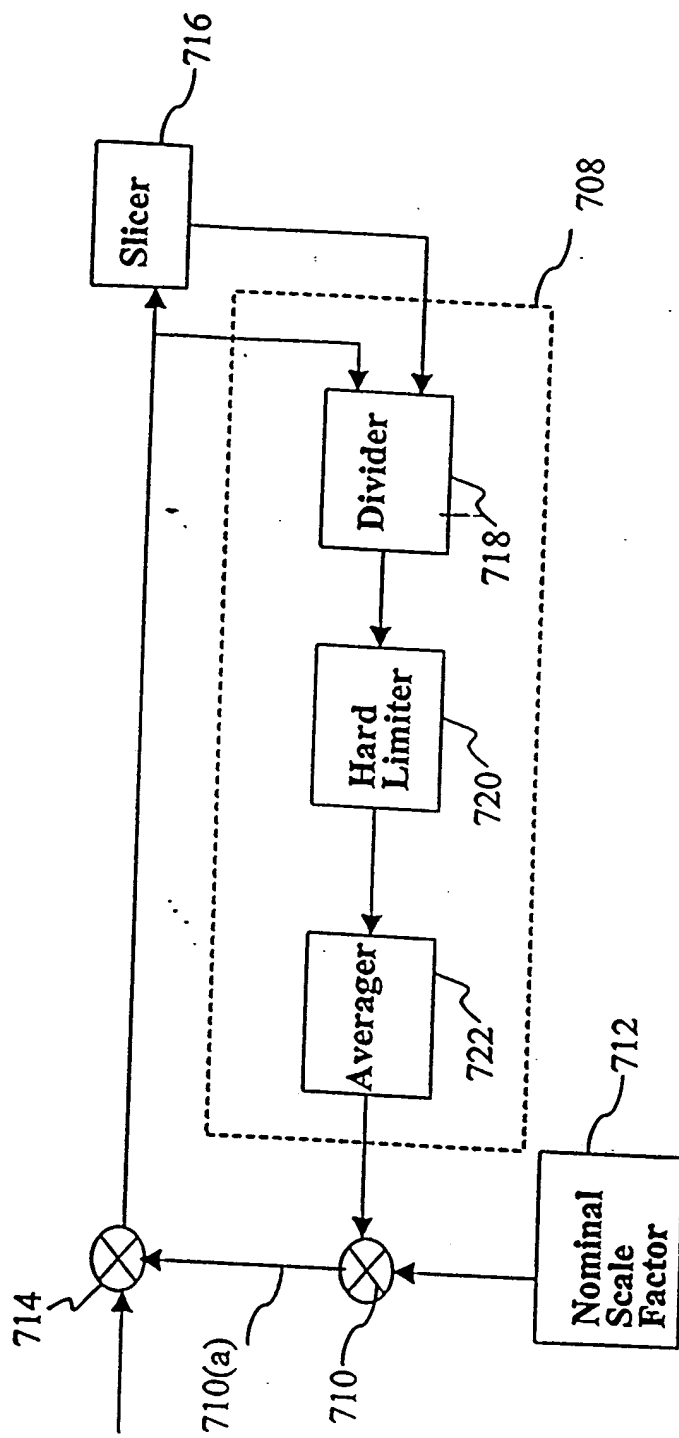


FIG. 35

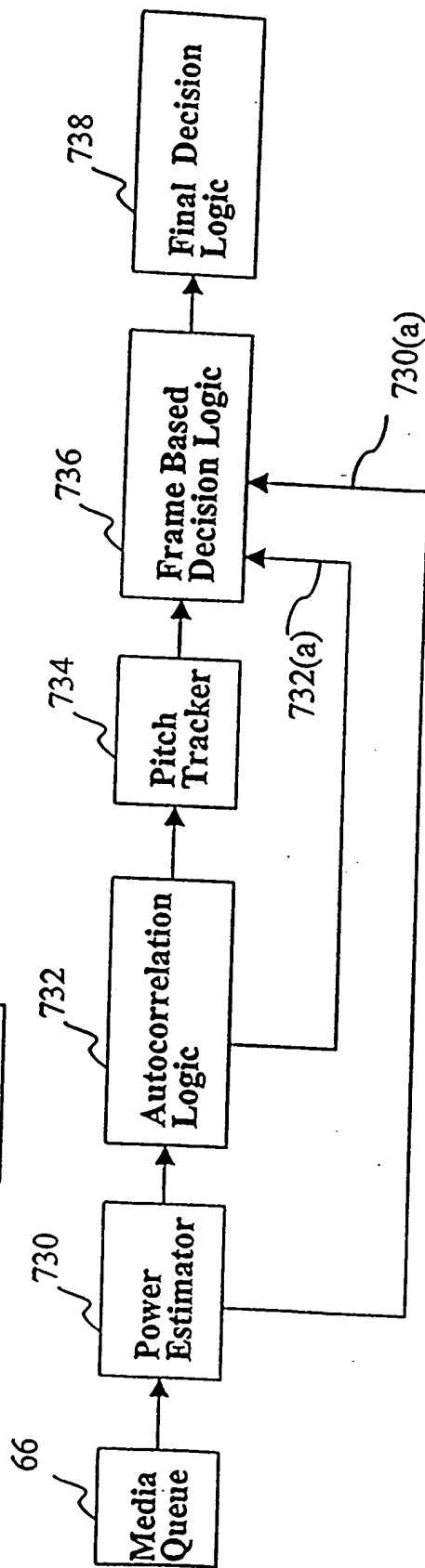


FIG. 36